# **DMR Copy of Record**

51040 E. coli

Permi	t																		
Permi	t#: N	MD0050903				Permittee: BOONES ESTATE MHC, LLC					Facility: BOONES MOBILE ESTATE WWTP				E ESTATE WWTP				
Major	jor: No				Permittee	Address:		2138 ESPEY CT., SUITE 1 CROFTON, MD 21114				Facility Location:			1091 MARLBORO ROAD ANNE ARUNDEL COUNTY LOTHIAN, MD 20711				
Permi		001 External Outfall				Discharge	e:		<b>001-A</b> 11-DP-0191					1					
Repor	t Dates & Status																		
Monito	oring Period:	rom 07/01/19 to (	07/31/19			DMR Due	Date:		08/28/19					Status:		Net	DMR Validate	ed	
Consi	derations for Form Completion	า												•					
RESID	OUAL CHLORINE LIMITS APPLI	ES ONLY IF CHLO	ORINE O	R CHLORINE	E COMPO	UNDS AR	E USED AS DIS	SINFECTIN	NG AGENT.										
Princi	pal Executive Officer																		
First N	lame:					Title:								Telephone:					
Last N	lame:													•					
No Da	ta Indicator (NODI)																		
Form	NODI: -	-																	
	Parameter	Monitoring Location	on Season	# Param. NOD	1			antity or Lo						Quality or Conc				# of Ex. Frequency of Analysi	is Sample Type
Code	Name				Sample	Qualifier '	1 Value 1	Qualifier 2	2 Value 2		Qualifie	er 1 Value 1 6.19	Qualifier	2 Value 2	Qualifier 3	Value 3	Units 19 - mg/L	01/01 - Daily	GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Re						>=	5 INST MIN					19 - mg/L	01/01 - Daily	GR - GRAB
					Value NO														
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Sample Permit Re		3.25 5.3 MX MO AV		5.5 8 MX WK AV	26 - lb/d 26 - lb/d			= <=	6.5 8 MX MO AV		11 12 MX WK AV	19 - mg/L 19 - mg/L	01/07 - Weekly 01/07 - Weekly	24 - COMP24 24 - COMP24
	, , , , , , , , , , , , , , , , , , , ,				Value NO	-													
00400	nU	1 - Effluent Gross	0		Sample Permit De						=	7.1 6.5 MINIMUN				7.6 8.5 MAXIMUM	12 - SU 12 - SU	01/01 - Daily	GR - GRAB GR - GRAB
00400	pH	I - Elliuelli Gloss	U		Permit Re Value NO						>-	O.UIIIIIIII C.O	VI		<b>\</b> _	O.S IVIAXIIVIOIVI	12-50	01/01 - Daily	GR - GRAD
					Sample	=	17.61		34.53	26 - lb/d			=	35.5		69	19 - mg/L	01/07 - Weekly	24 - COMP24
X 0053	O Solids, total suspended	1 - Effluent Gross	0		Permit Re Value NO	-	5.3 MX MO AV	<=	8 MX WK AV	26 - lb/d			<=	8 MX MO AV	<=	12 MX WK AV	19 - mg/L	1 01/07 - Weekly	24 - COMP24
					Sample								=	31.65			19 - mg/L	01/30 - Monthly	24 - COMP24
00600	Nitrogen, total [as N]	1 - Effluent Gross	0		Permit Re									Req Mon MO AVG			19 - mg/L	01/30 - Monthly	24 - COMP24
					Value NOI Sample			=	550.68	76 - Ib/mo								01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	-	Permit Re	q.			Req Mon MO TOTAL									01/30 - Monthly	CA - CALCTD
					Value NO			L	2440 20	EO Ibbe								04/20 Monthly	CA CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	2		Sample Permit Re				3116.29 Req Mon CUM TOTI	50 - lb/yr L 50 - lb/yr								01/30 - Monthly 01/30 - Monthly	CA - CALCTD
					Value NO	DI													
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0	_	Sample Permit Re								=	3.4 Req Mon MO AVG			19 - mg/L 19 - mg/L	01/30 - Monthly 01/30 - Monthly	24 - COMP24 24 - COMP24
00000	rianogori, organio total (ao 14	- Lindon Grood			Value NO									T toq mor mo / tr o			io ingle	o incommonany	27 001111 24
00040	Nides	4. 560			Sample		0.125		0.13	26 - lb/d			=	0.25		0.3	19 - mg/L	01/07 - Weekly	24 - COMP24
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	U	_	Permit Re Value NO		1.9 MX MO AV	<=	10 MX DA AV	26 - lb/d			<=	2.9 MX MO AV	<=	15 MX DA AV	19 - mg/L	01/07 - Weekly	24 - COMP24
					Sample								=	28			19 - mg/L	01/30 - Monthly	24 - COMP24
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Re Value NO									Req Mon MO AVG			19 - mg/L	01/30 - Monthly	24 - COMP24
					Sample								=	4.6			19 - mg/L	01/30 - Monthly	24 - COMP24
00665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Re									Req Mon MO AVG			19 - mg/L	01/30 - Monthly	24 - COMP24
					Value NOI Sample			=	71.36	76 - Ib/mo								01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	-	Permit Re				Req Mon MO TOTAL									01/30 - Monthly	CA - CALCTD
					Value NO				440.00	EO Ibba								04/20 Monthly	CA CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	2		Sample Permit Re				448.36 Req Mon CUM TOTI	50 - lb/yr L 50 - lb/yr								01/30 - Monthly 01/30 - Monthly	CA - CALCTD
					Value NO	DI													
50050	Flow, in conduit or thru treatment plan	t 1 - Effluent Gross	0		Sample Permit Re		0.06 Req Mon MO AVG		0.085 Req Mon DAILY MX	03 - MGD								99/99 - Con inuous 99/99 - Con inuous	RC - Recorder (aut
00000	, in conduit of the treatment plan	Linucia Gloss			Value NO	-	ACQ MOTIVIO AVC		. toq mon DAILT MA	OO - WOD								55/55 - COIT IIIuuus	ACCORDER (AUI
F0000	Oblasia tataliti	4 580			Sample										_	0	19 - mg/L	01/01 - Daily	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	U	-	Permit Re		-								<	.1 MAXIMUM	19 - mg/L	01/01 - Daily	GR - GRAB

01/07 - Weekly

01/07 - Weekly

126 MX MO GMN 30 - MPN/100mL

GR - GRAB

GR - GRAB

Sample Permit Req.

1 - Effluent Gross

#### Value NODI

## Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

## **Edit Check Errors**

	Parameter	Monitoring Location	Field		Description	Acknowledge
Code	Name	Monitoring Location	rieid	Туре	Description	Acknowledge
00530	Solids, total suspended	1 - Effluent Gross	Quantity or Loading Sample Value 1	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
00530	Solids, total suspended	1 - Effluent Gross	Quantity or Loading Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes

#### Comments

Prostart assumed operational responsibilities 7/15/19: No previous operational operating report available. No MOR for the month of July 2019: Prostart established new operational log and daily values in log until MOR is established: No proper transition period between operating firms: Previous firm not cooperative: See attached non compliance report for TSS exceedance explanation:

## Attachments

Name	Туре	Size
7-23-19.pdf	pdf	60231
7-31-19-EC.pdf	pdf	53127
7-31-19.pdf	pdf	72027

Report Last Saved By

**BOONES ESTATE MHC, LLC** 

 User:
 (b) (6)

 Name:
 jack
 bradshaw

 E-Mail:
 (b) (6)

Date/Time: 2019-12-08 09:32 (Time Zone: -05:00)

Report Last Signed By

 User:
 (b) (6)

 Name:
 jack bradshaw

 E-Mail:
 (b) (6)

Date/Time: 2019-12-08 09:32 (Time Zone: -05:00)



3414 Baywood Rd.

Forest Hill, MD 21050 Attention: Bill Farrell

Report for Lab No: 44155. Samples received by Martel

Project Identification: Boone's Estates WWTP - 7/23/19

Wednesday, August 7, 2019

Certificate of Analysis

**FINAL** 

MARTEL N 44155	IO. 000001	CLIENT S Plant Effluent	AMPLE IDENT	IFICATION		Sample Date/Time 07/23/2019 12:00
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Biochemical C	Oxygen Demand	11	mg/l	SM 5210 B-01	2	07/24/2019 15:36 IC
Solids (Suspe	ended)	69	mg/l	SM 2540 D-97	1	07/30/2019 15:00 IO
Nitrite Nitroge	n	<0.02	mg/l	SM 4500-NO2 B00	0.02	07/25/2019 11:43 CSG
Nitrate-Nitrite	Nitrogen	20	mg/l	SM 4500-NO3 H00	0.05	08/02/2019 12:43 CSG
Nitrate Nitroge	en	20	mg/l	SM Calc	0.05	08/02/2019 12:43 CSG
Ammonia Nitr	ogen	0.3	mg/l	SM 4500-NH3 C97	0.2	07/31/2019 10:00 CB
Kjeldahl Nitrog	gen (Total)	6.6	mg/l	SM 4500-NH3 C97	0.5	07/31/2019 07:50 CB
Phosphorus (t	total)	5.3	mg/l	SM 4500-P E99	0.01	08/05/2019 12:30 CB
MARTEL N 44155	O. 000002	CLIENT S.	AMPLE IDENT	IFICATION		Sample Date/Time 07/23/2019 12:00
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Escherichia C	oli, Quantitray	133	mpn/100ml	SM Coliler MPN	1	07/23/2019 16:11 MA
						Page 1 OF 1
	~	Road - Baltimore, Maryland 21 21-1054 EMAIL: martel@mar				stddixxy.frx

## Notes and references:

40CFR136=U.S. "Code of Federal Regulations", Title 40, Protection of the Environment, Part 136, Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. SM="Standard Methods for the Examination of Water and Wastewater", American Public Health Association, American Water Works Association, and Water Environment Federation. Year in method code is approved date.

All samples tested were in acceptable condition, unless otherwise noted. The results presented herein relate only to the samples or items tested.



			CUSTODY / SAM							
Bandal La	Martel Laboratories		1025 Cromwell Bridge Road			825-7790	• FAX (410) 821-1054 (b) (4)			
Client Na	me/Phone/FAX:	start		Project	Name/#		ne's Estates			
Client Ad	ldress:					t/P.O Nu		Pro Hart		
Email Add	dress:				Sample	Turnarou	ınd Time	Analysis Time France		
Station No./ Sample ID	Station Location	Matrix	Container Description/Preservation	Status	# of Containers	Date	Time	( Analyses Required/Comments		
	Bonis Blotes - Efflus	- WUTP	950ml-Efficent - 6	an - Epas	2	7/23	12pm	BOD . TO		
	Bone's Estates - Efficient	1			t	7/23	12pm	NOZ - NO3 - MH3 - TRN - TP		
,	Bone's Estato- Effluen	1		'	- (	7/23	12pm			
					-					
					·					
				N. 110						
(b) (4) Receive (b) (4) Date 7/3					Time	Received	Coole on ice/ice	Receipt Information (LAB USE ONLY) packs? - Yes/No temp.=		
	Receive					ime Sample containers pres'd? - Yes/No If No, explain Custody Seal present/intact? - Yes/No N/A				
Transfe	rred by:	Receive	ed by:	Date	Time Initials:			Date: 7 (23 / /		



3414 Baywood Rd. Forest Hill, MD 21050

Attention: Bill Farrell

Report for Lab No: 44303. Samples received by Martel

Project Identification: Boone's MHP WWTP - 7/31/19

Tuesday, August 27, 2019

Certificate of Analysis

**FINAL** 

Samples analyzed according to method requirements and QC exceptions available.

MARTEL NO.		CLIENT S PLANT EFFLUENT	Sample Date/Time			
44303	000001		07/31/2019 20:00			
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Biochemical C	xygen Demand	<2	mg/l	SM 5210 B-01	2	08/02/2019 11:37 IO
Solids (Suspe	nded)	2	mg/l	SM 2540 D-97	1	08/07/2019 16:15 IO
Kjeldahl Nitrog	gen (Total)	0.7	mg/l	SM 4500-NH3 C97	0.5	08/14/2019 07:30 CB
Ammonia Nitro	ogen	<0.2	mg/l	SM 4500-NH3 C97	0.2	08/16/2019 10:00 CB
Nitrate-Nitrite	Nitrogen	36	mg/l	SM 4500-NO3 H00	0.05	08/27/2019 11:42 CSG
Phosphorus (t	otal)	3.9	mg/l	SM 4500-P E99	0.01	08/21/2019 09:00 CB
Orthophospha	te Phosphorus	4.0	mg/l	SM 4500-P E-99	0.01	08/02/2019 11:23 IO
Nitrite Nitroge	n	<0.02	mg/l	SM 4500-NO2 B00	0.02	08/08/2019 16:04 CSG
Nitrate Nitroge	n	36	mg/l	SM Calc	0.05	08/27/2019 11:42 CSG

Page 1 OF 1

1025 Cromwell Bridge Road - Baltimore, Maryland 21286 PH 410-825-7790 FAX 410-821-1054 EMAIL: martel@martellabs.com

stddlxxy.frx

## Notes and references:

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3414 Baywood Rd.

Tuesday, August 27, 2019

Forest Hill, MD 21050

Report for Lab No: 44303. Samples received by Martel

Project Identification: Boone's MHP WWTP - 7/31/19

Narrative Report

Χ

44303

000001

PLANT EFFLUENT

Nitrite Nitrogen

X - Sample was not analyzed within holding time.

			CUSTODY								
	Martel Laboratories .			ige Road	Baltimore			825-7790	• FAX (410) 821-10	)54	
Martel Lo		Client Co		Sampler							
Client Na	me/Phone/FAX: Books	Project Name/# Boones Mobile Home Park					urk				
Client Add	dress:					Contract/P.O Number Prostart					
Email Add	ress: Prostar	<del>}</del>			,	Sample	Turnarou	ınd Time	Analsis	Timo 1	Fust
Station No./ Sample ID	Station Location	Matrix	Container Description	n/Preservation	n Status	# of Containers	Date	Time	Analyses F	lequired/Comments	
:	Plant Effluent	WAW	950 ML-	Plas	tr	2	7/31/19	12080	B00-		
	Plant Effluent	WAW	500 ML -	H28	24	2	031/19	12080	NH3-TR	N-NOZ-	-Naz-
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<u> </u>			4	e	No.						
Transferred by Received by Date at						Time		Cooler	Receipt Information (	AR LICE ONLY	
	(D)(4)		<u> (U) (4</u>		Date	Time ?	Received	on ice/ice	packs? - Yes/No	temp.=	
Transfer	·	Receive	-		Date	Time Sample containers pres'd? - Yes/No If No, explain Custody Seal present/intact? - Yes/No N/A					ļ
Transferi	ed by:	Receive	d by:		Date	Time	Initials:		Date: *		

POF



3414 Baywood Rd. Forest Hill, MD 21050

Attention: Bill Farrell

Report for Lab No: 44258. Samples received by Martel

Project Identification: Boone's MHP WWTP - 7/31/19

Monday, August 5, 2019

Certificate of Analysis

**FINAL** 

MARTEL NO.

CLIENT SAMPLE IDENTIFICATION

Test Unit

Sample Date/Time 07/31/2019 10:00

44258

000001

PLANT EFFLUENT

Method Detection Limit

Analysis Date/Time/Initial

Compound

Test Value

\_\_\_\_

07/31/2019 16:02 MA

Escherichia Coli, Quantitray

mpn/100ml

SM Coliler MPN

Page 1 OF 1

1025 Cromwell Bridge Road - Baltimore, Maryland 21286 PH 410-825-7790 FAX 410-821-1054 EMAIL: martel@martellabs.com

stddlxxy.frx

## Notes and references:

40CFR136=U.S. "Code of Federal Regulations", Title 40, Protection of the Environment, Part 136, Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. SM="Standard Methods for the Examination of Water and Wastewater", American Public Health Association, American Water Works Association, and Water Environment Federation. Year in method code is approved date.

All samples tested were in acceptable condition, unless otherwise noted. The results presented herein relate only to the samples or items tested.



				INFORMATION FORM , MD 21286 • (410) 825-7790 • FAX (410) 821-1054					
Martel Log #	Client Co	ode	Sampler (b) (4)						
Client Name	/Phone/FAX: Ponne's V	1HP-	hwip			Project	Name/#		,
Client Addre	ess:					Contrac	ct/P.O Nur	nber	
Email Addres	ss: Mota	1				Sample	Turnarou	ınd Time	hite
Station No./ Sample ID	Station Location	Matrix	Container Descriptio	n/Preserva	tion Status	# of Containers	Date	Time	Analyses Required/Comments
4	Int Ephit	Was	None Ste	re J	mi	1/4	7/31/19	(OA	E-Coli
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			•	e	**				
Received (b) (4) Date								Cooler	Receipt Information (LAB USE ONLY)
T	Receive		Time Cooler Receipt Information (LAB USE ONLY)  Received on ice/ice packs? - Yes/No temp.= 2  Time Sample containers pres'd? - Yes/No if No, explain						
Transferred	by:	Receive	d by:		Date	Time	Custody 8 Initials:	Seal preser	Date: 4/31/2

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